Amendments to the Claims

1. (Currently Amended) A speech application system, comprising:

A.   a speech recognition (SR) system configured to receive an audio input and

generate a set of semantic data representing a plurality of valid interpretations of

said audio input, wherein said set of semantic data is represented as a semantic

tree instance that is represented by at least one object;

B   a speech application script, loaded at the SR system and configured to task said

SR system, said application script defining a context;

C.   a semantic data evaluator, configured to receive said set of semantic data and said

context and, as a function thereof, to generate a linguistic result corresponding to

said audio input, and to return said linguistic result to said application script; and

D.   a set of reusable object oriented interfaces local to the SR system, said interfaces

configured to interface said application script with said SR system.

2. (Original)   A system as in claim 1, wherein one or more of said application script is included

in a Web page.

3. (Original)   A system as in claim 1, wherein one or more of said interfaces are objects exposed

via ActiveX facilities.

4. (Original) A system as in claim 1, wherein said application script includes programming code written in a language chosen from a group of scripting languages comprising

      (1)   Jscript;

      (2)   PerlScript; and

      (3)   VBscript.

5. (Cancelled)

6. (Cancelled)

7. (Original) A system as in claim 1, wherein said audio input is received from a device chosen from a group comprising:

    A.   a telephone;

    B.   a cellular telephone;

    C.   a personal computer;

    D.   an application server; and

    E.   an audio receiver.

8. (Original) A system as in claim 1, wherein said audio input is received via a network comprised of one or more wire or wireless networks from a group comprising:

    A.   a telephone network;

    B.   a cellular telephone network;

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C.   a LAN;

D.   a WAN;

E.   a virtual private network;

F.   the Internet; and

G.   the Web.

9. (Original)   A system as in claim 1, wherein said plurality of valid interpretations of said audio

input includes all valid interpretations of said audio input within said context.

10. (Original) A system as in claim 1, wherein speech application is chosen from a group of

interactive speech applications comprising:

A.   consumer survey applications;

B.   Web access applications;

C.   educational applications, including health education applications and computer-

based lesson applications and testing applications;

D.   screening applications, including patient screening applications and consumer

screening applications;

E.   health risk assessment applications;

F.   monitoring applications, including heath data monitoring applications and

consumer preference monitoring applications;

G.   compliance applications, including applications that generate notifications of

compliance related activities, including notifications regarding health or product

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maintenance;

H.   test results applications, including applications that provide at least one of lab test

results, standardized tests results, consumer product test results, and maintenance

results; and

I.   linking applications, including applications that link two or more of the

applications in parts A through H.

Claims 11-18 (Cancelled)

19.   (New) <u>A method of speech recognition (SR), comprising the steps of:</u>

A.   <u>receiving an audio input with a SR system and generating a set of semantic data</u>

<u>representing a plurality of valid interpretations of said audio input, including</u>

<u>representing the set of semantic data as a semantic tree instance that is represented</u>

<u>by at least one object;</u>

B   <u>defining a context with an application script configured for tasking said SR</u>

<u>system;</u>

C.   <u>interfacing said application script with the SR system via a set of reusable object</u>

<u>oriented interfaces local to the SR system; and</u>

D.   <u>generating a linguistic result corresponding to said audio input as a function of the</u>

<u>set of semantic data and the context and returning said linguistic result to said</u>

<u>application script.</u>

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